



Bridge API Implementation: Open Source SCOWorkbench



Purpose

- Implement a production-ready courseware development tool that communicates with a CSDB to develop and reuse S1000D learning content.

Accomplishments

- Implemented Bridge API connection and authentication with full check out / check in support.
- Data Module search and download with a CSDB.
- Map S1000D constructs to SCO Workbench infrastructure:
 - S1000D SCPM to Lesson Flow / SCO Flow
 - S1000D SCPM SCO Entry to Assessment
 - S1000D Learn Plan to Learning Plan
 - S1000D LDM to Screen or Question

Lessons Learned

- The Bridge API is highly adaptable.
- Gaps can exist between a standard that supports training (e.g. S1000D, DITA) and level of support provided by Learning Content Authoring Tools.

Implementation Gaps / Transition Needs

- Develop end-user training content on how to use S1000D SCO Workbench capabilities.
- Test with real-world sample content from a CSDB.
- Development of prototype lesson that reuses real-world content.